

HMGIY / HMGA1 Antibody (aa1-53)
Rabbit Polyclonal Antibody
Catalog # ALS17012**Specification**

HMGIY / HMGA1 Antibody (aa1-53) - Product Information

Application	IHC-P, E
Primary Accession	P17096
Other Accession	3159
Reactivity	Human, Mouse, Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	11676
Dilution	IHC-P~~N/A E~~N/A

HMGIY / HMGA1 Antibody (aa1-53) - Additional Information**Gene ID** 3159**Other Names**

HMGA1, High mobility group protein A1, High mobility group protein R, HMG-R, Hmg-i, HMGIY, High mobility group AT-hook 1, HMG-I(Y), HMGA1A

Target/Specificity

Human HMGIY / HMGA1

Reconstitution & Storage

PBS, pH 7, 1% BSA, 20% Glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions

HMGIY / HMGA1 Antibody (aa1-53) is for research use only and not for use in diagnostic or therapeutic procedures.

HMGIY / HMGA1 Antibody (aa1-53) - Protein Information**Name** HMGA1**Synonyms** HMGIY**Function**

HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

Cellular Location

Nucleus. Chromosome.

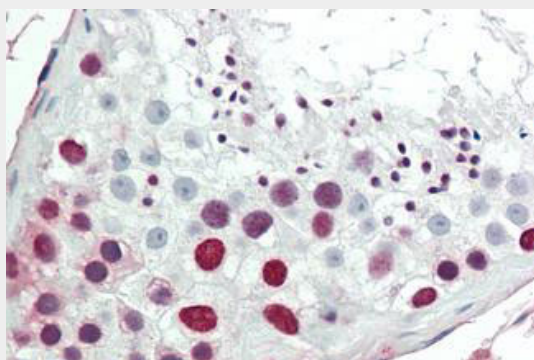
Volume

100 μ l

HMGIY / HMGA1 Antibody (aa1-53) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HMGIY / HMGA1 Antibody (aa1-53) - Images

Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)

HMGIY / HMGA1 Antibody (aa1-53) - Background

HMGIY/HMGA1 bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.

HMGIY / HMGA1 Antibody (aa1-53) - References

Eckner R., et al. *Nucleic Acids Res.* 17:5947-5959(1989).
Johnson K.R., et al. *Mol. Cell. Biol.* 9:2114-2123(1989).
Friedmann M., et al. *Nucleic Acids Res.* 21:4259-4267(1993).
Nagpal S., et al. *J. Biol. Chem.* 274:22563-22568(1999).
Mungall A.J., et al. *Nature* 425:805-811(2003).